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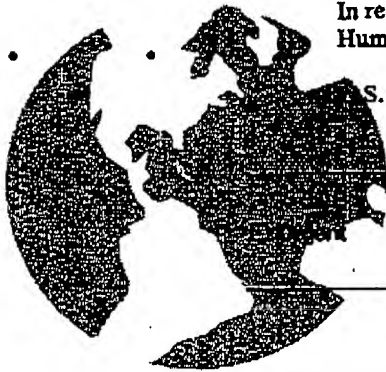
Examiner William Rodriguez, Art
Unit 3746

From: Richard S. Elias (Reg. No. 48,806) Date: 1/6/2006
(571) 333-1346

Re: Response to Non-Final Office Action Pages: 9

In re the Application of James C.
Humphries

S. Application No. 10/659,074



Mark

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Notes: Attached to this cover sheet are the following:

Amendment
Form PTO/SB/22
Form PTO-2038

JAN 06 2005

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

James C. HUMPHRIES

Group Art Unit: 3746

Application No.: 10/659,074

Examiner: W. Rodriguez

Filed: September 11, 2003

Docket No.: RSE-100

For: AUTOMATIC OPTIMIZATION PUMP AND SENSOR SYSTEM

AMENDMENT UNDER 37 C.F.R. §1.111

Director of the U.S. Patent and Trademark Office
P.O. Box 1450
Washington, D.C. 202313-1450

Sir:

In reply to the September 7, 2005 Office Action, the period for reply being extended by the attached Petition for Extension of Time, please amend the above-identified application as follows:

IN THE SPECIFICATION:

Page 1, paragraph [0001], insert a new paragraph as follows:

CROSS-REFERENCE TO RELATED APPLICATIONS

This application is a continuation application to U.S. Application No. 09/858,830 filed on May 17, 2001, which issued as U.S. Patent Application No. 6,616,413, which is a continuation-in-part application to U.S. Patent Application No. 09/272,935 filed by the same inventor on March 20, 1999, which is now abandoned, which claims the benefit of Provisional Application No. 60/078,743 that was filed on March. 20, 1998.

IN THE CLAIMS

Please replace the claims as follows: